

TREES & SHRUBS



Spring 2009 Bare-root Seedling Program

**Saratoga County Soil & Water
Conservation District
(518) 885-6900**



E-mail: andrea.james@ny.nacdnet.net

ORDER BY APRIL 6, 2009

Saratoga County SWCD
50 West High Street
Ballston Spa, NY 12020

Non-Profit Organization
BULK RATE
US Postage Paid
Permit #50
Ballston Spa, NY 12020

2009 Tree & Shrub
Order Form
Enclosed



HOW TO ORDER

- Fill out the form that's in the center of this booklet
- Include payment to "Saratoga County SWCD"
- Bring it to the office or mail it by April 6, 2009

Saratoga County SWCD
50 West High Street
Ballston Spa, NY 12020

(Sorry, no phone orders and no credit cards.)

We will charge a \$25 fee for any bad checks returned by our bank.

HOW TO PICK UP YOUR ORDER

- Pick up your order at the Saratoga County Fairgrounds on either of the following days:
Friday, April 24th Or Saturday, April 25th
9:00 am - 3:00 pm
- You will get a postcard about 1 week prior to pickup. Bring it with you for faster service; it has your order number on the front.

HOW TO FIND THE FAIRGROUNDS

The Fairgrounds are located on Prospect Street in the Village of Ballston Spa. Prospect Street intersects with Rt. 50 and goes up a very steep hill. The fairgrounds are located at the top of the hill, just after two sharp turns. Watch for the Tree and Shrub signs at the entrance. When entering Ballston Spa from the north on NYS Rt. 50, Prospect St. is a right turn at the first traffic light in the village. When entering B. Spa from the south on Rt. 50, Prospect St. is a left turn at the 4th traffic light in the village.

PLANTING METHODS

SEEDLINGS

- Scalp planting site to reduce plant competition
- Reverse shovel and push into soil then push handle forward
- Scrape soil back to enlarge hole
- Set tree or shrub, fill hole, & firm soil around roots
- Water well

TRANSPLANTS

- Scalp planting site and dig a hole deep enough to accommodate roots
- Do not plant with stem below ground level
- Pack soil into space around roots and firm with your heel
- Be sure that no roots have escaped the planting hole
- Water well

TRANSPLANT BED

- You can set out your transplants in a bed, just as you would set tomato plants in your garden
- Remove vegetation and work the soil until loose
- Transplants can remain in the bed for 1 to 4 years
- Water well and keep them moist

HEELING IN

- Dig a trench deep enough to accommodate roots
- Lay plants along one side, in a row, spreading out roots
- Pack the soil firmly around the roots & keep moist
- Plant conventionally as soon as possible

HOW TO CARE FOR YOUR NEW TREES AND SHRUBS

PLANNING AHEAD

- Select a site that is not too wet
- If the site is very windy, erect a temporary wind barrier
- Remove plants which will compete for water, nutrients and sunlight
- You can till a long strip for several plants

BRINGING THEM HOME

- Be sure to pick up your plants on time and try to plant them right away
- If you must wait, store them in a shady place
- Keep the roots moist, but do not soak them

PLANTING THEM

- Use one of the planting methods shown on page 11
- Carry the plants in a bucket with a few inches of water
- Do not let the roots dry out !

TAKING CARE OF THEM

- Keep your new plants watered; saturating the soil around them once a week.
- Hand weeding will help them get a good start
- Mowing around plantings may be necessary to reduce shade
- Mark the seedlings if you plan to mow, to prevent mowing them down.

VERY IMPORTANT

- The trees and shrubs that the Conservation District sells are not potted; they are bare-root seedlings. The roots are dipped and the plants are wrapped in plastic. It is very important that you pick up your order on time and plant them as soon as possible.
- Since the Conservation District has no control over the weather, your planting conditions, or your method of care, it is not responsible for the stock after you pick up your order. The District cannot offer refunds or replacements. It is the nature of bare-root stock that not all plants will survive.

ORDER EARLY!

There is a limited number of some of the items on our list, so be sure to order early. We number the orders as they come in and they are filled in numerical order. We reserve the right to refund customers for items that become unavailable for any reason.

TAX INFORMATION

Conservation Districts sell trees and shrubs to be used for erosion control, for food and cover for wildlife and not for ornamental purposes. It is also a requirement that the trees and shrubs we sell cannot be resold by our customers with the roots intact. This allows the trees and shrubs to be exempt from NYS sales tax. Other items on our list are taxable, and the tax is included in the prices shown. **DO NOT ADD TAX.** (see page 9 for breakdown)

DESCRIPTION OF TREES & SHRUBS

Key to first line of description:

COMMON NAME: *Scientific name/age in years/height in inches*

EVERGREEN TREES

AUSTRIAN PINE: *Pinus nigra/3 yrs/10-18"*

Long-needed; reaches 70 ft. at maturity; fast growing; suited for well to moderately well drained soils; likes full sun; good tree for screens, windbreaks, & cover for wildlife; tolerant of smoke & salt.

NORWAY SPRUCE: *Picea abies/3 yrs/10-18"*

Short-needed; reaches 70 ft.; fastest growing spruce we offer, will reach 6 ft. in 6 to 7 years; suited for most soil types; one of the best evergreens for windbreaks; arching branches.

WHITE SPRUCE: *Picea glauca/3 yrs/10-16"*

Green, short, sharp-pointed needles; tolerates most soil types as well as cold, wind, heat and drought; pyramidal shape; reaches 50-60 ft; widely used for lumber, wildlife cover, Christmas trees & windbreak.

COLORADO BLUE SPRUCE: *Picea pungens glauca/3 yrs/10-16"* Green to bluish-green; short-needed; reaches 60 ft.; suited for moderately well to somewhat poorly drained soil; good for Christmas trees; windbreak, and wildlife cover.

DECIDUOUS TREES

BLACK WALNUT: *Juglans nigra/2 yrs/12-24"*

Hardwood valuable for its timber & edible nuts; grows best in deep, fertile, moist soils. For nut production, plant 30 ft apart; for timber, plant 8 ft apart.

PAPER WHITE BIRCH: *Betula papyrifera/3 yrs/14-24"*

Up to 70 ft. tall tree at maturity; bark turns white in 4 to 6 years & peels off in paper thin sheets; bright yellow foliage in fall; grows in most soil conditions; plant 3 to 5 together for clump effect.

RED OAK: *Quercus rubra/3 yrs/10-18"*

70 ft. tall at maturity, hardwood tree; important uses include lumber, shade, wildlife food (acorns); tolerates salt; grows well on sandy, sunny sites; dark red leaves in the fall.

FERTILIZER TABLETS

These tablets are 20N-10P-5K and come in packets of 10, 100, or full cartons of 1000. Seedlings need only one each (not necessary the first year) and transplants could use 3 or 4 each. Instructions are included in each packet.

COMPOST & WOODCHIP MULCH

These are products of the Schenectady County Conservation District Compost Facility and are made from organic yard waste (leaves & brush).

COMPOST: Bags weigh about 35 pounds each, and contain about 2 cubic feet of compost. This is a nutrient packed, high organic matter soil additive which can be used in all planting sites.

WOODCHIP MULCH: Bags weigh about 20 pounds each and contain about 1.2 cubic feet of mulch. This is a screened product.

TAX BREAKDOWN

Tax is included where applicable, as shown in the chart below. Chart is for information only.

DO NOT ADD TAX to your order.

ITEM	PRICE	TAX	TOTAL
50 Groundcover	\$18.69	\$1.31	\$ 20.00
100 Groundcover deal	\$32.71	\$2.29	\$ 35.00
Large size seeds	\$14.02	\$.98	\$ 15.00
Small size seeds	\$ 8.41	\$.59	\$ 9.00
10 Fertilizer tablets	\$ 1.87	\$.13	\$ 2.00
100 Fertilizer tablets	\$14.02	\$.98	\$ 15.00
Case of fertilizer tablets	\$93.46	\$6.54	\$100.00
1 Bag compost or mulch	\$ 3.74	\$.26	\$ 4.00
3 Bag deal of compost or mulch	\$ 9.35	\$.65	\$ 10.00

GROUNDCOVER DESCRIPTIONS

VINCA MINOR (PERIWINKLE): *Vinca Minor*

8-10 leads each; grows to about 6 inches in height and spreads by stolons; grows well in partial sun or shade and tolerates low fertility soils; light purple flowers bloom in spring; plant 1 foot apart; also known as Myrtle. The Vinca Minor is sold in bundles of 50, bare-root, and bagged in plastic.

PACHYSANDRA: *Pachysandra terminalis*

Rooted cuttings; attractive evergreen groundcover; grows to 6 inches high; grows in light sun or shade; good for erosion control on banks and slopes and around foundations. The Pachysandra is sold in bundles of 50, bare-root, and wrapped in damp newspaper.

PURPLE WINTERCREEPER: *Euonymus fortunei 'Colorata'*

Rooted cuttings; fast growing evergreen groundcover. Tolerates drought, poor soils and shearing. Suitable for sunny locations, sandy, well drained soils and slopes. Grows 4-6" tall, can be pruned to control growth.

WILDFLOWER SEEDS

**All mixes contain both perennials and annuals.
Sow them in a similar way to grass seed, in prepared beds.**

ORIGINAL MIX: 4 ounce package; covers 2500 square feet when planted together with 1 lb. red fescue grass seed; for areas you don't want to mow; this mix suits a wide variety of conditions.

SHADY SITES: 3/4 ounce packet, covers 225 square feet; for lower light conditions, will tolerate dappled shade, but not recommended for dense shade.

SUNNY SITES: 3/4 ounce packet, covers 450 square feet, for areas of full sun & drier conditions. Good for low maintenance areas.

BIRD & BUTTERFLY MIX: 3/4 ounce packet, covers 250 square feet; varieties chosen to attract hummingbirds and butterflies all summer; heavy re-seeding annuals also act as a natural food source for winter feeding birds such as finches & sparrows.

SUGAR MAPLE: *Acer saccharum*/2 yrs/16-22"

Large native deciduous tree valuable for lumber, shade, maple syrup and beautiful fall color; grows to 60 feet tall on well drained soils; storm sturdy; sensitive to road salt.

EUROPEAN MOUNTAIN ASH: *Sorbus aucuparia*/3 yrs/10-20"

A deciduous, medium sized tree (grows to 35'-45'); white flower clusters bloom in May/June; clusters of orange-red berries in the fall; suited for most soil types; excellent wildlife food.

WHITE FLOWERING DOGWOOD: *Cornus florida*/2 yrs/15-30" Beautiful native 20 to 30 ft. tree with large white blossoms in May and red fruit in September; wildlife food for many birds; grows on well drained soils; has some drought and shade tolerance but is not cold hardy on northern or exposed sites of the county.

DECIDUOUS SHRUBS

NANKING CHERRY: *Prunus tomentosa*/1 yr/12-24"

Grows to 9-10 ft. with small white flowers in late April & bright, dark red fruit in June & July; can be sheared; fruit attracts birds or use for jams & jellies; grows on well drained soil & in full sun. Very hardy.

AMERICAN BITTERSWEET: *Celastrus scandens*/1 yr/12-24"

Climbing vine with clusters of reddish orange berries attractive to birds; tolerates most soils, sun and shade; good along fences and trellises.

RED OSIER DOGWOOD: *Cornus sericea*/2yrs/10-18"

Grows to a height of 10 feet; red branches and twigs with white berries that remain on the plant into the fall; tolerates poorly drained soils. Multi-stemmed with rapid growth.

SAND CHERRY: *Prunus besseyi*/2 yrs/18-24"

White flowers, small black edible fruit; 4 to 5 ft. high at maturity; suited for sandy soils & sunny sites; tolerates drier conditions; 4-foot spacing for a wildlife hedge.

SARGENT CRABAPPLE: *Malus sargentii*/2 yrs/18-24"

Shrub-like crabapple, about 8 feet tall at maturity; produces many pink buds opening into white flowers in May; well drained, sunny sites; dark red apples; uses: deciduous hedge; wildlife food/cover.

Deciduous Shrub Description Continued:

RUGOSA ROSE: *Rosa rugosa*/2 yrs/10-20"

Excellent hedge plant averaging 6 ft. in height; provides shelter and food for wildlife; birds feed on rose hips all winter; summer flowers; very hardy and vigorous; salt tolerant; grows on sandy, well drained soil.

COMMON LILAC: *Syringa vulgaris*/2 yrs/8-18"

Hardy, grows to 15 feet; bright heart shaped foliage; large fragrant lavender flowers which bloom in late spring; space 6 feet for screening; prefers sunny, well drained site.

HIGHBUSH (AMERICAN) CRANBERRY: *Viburnum trilobum*/2 yrs/12-18"

Grows to 7 - 10 feet; white flowers in May; bright edible scarlet berries used for jellies and wildlife; leaves shaped like maple leaves; tolerates wet soils and light shade.

TRANSPLANTS

Transplants are usually older than seedlings and have more extensive branching. They have spent some time in a transplant bed. Age is shown in two numbers, first number is years as a seedling, and second number is years in a transplant bed.

NORWAY SPRUCE: *age 2-3/20-24"* See description on page 4.

BALSAM FIR: *Abies balsamea*/age 3-3/12-16"

Evergreen tree widely planted for Christmas trees; excellent shape; fragrant; good needle retention; prefers moist, well drained soil; hardy in cold weather; grows to 40-60 feet.

CANAAN FIR: *Abies balsamea phanerolepis*/age 3-2/10-14"

Excellent Christmas tree, will tolerate warmer temperatures and wetter soil conditions than other firs. Also, like other firs, provides wildlife food/cover.

COLORADO BLUE SPRUCE: *age 2-3/12-20"* See page 4

ARBORVITAE (WHITE CEDAR): *Thuja occidentalis*/age 2-3/14-36"

Evergreen tree, commonly sheared for a hedge; light green color; excellent for wildlife food & cover; grows on various soils but prefers moist loamy soils.

CANADIAN HEMLOCK: *Tsuga canadensis*/age 2-3/14-24"

Mature height 70' but makes a beautiful evergreen hedge when sheared; short, flat needles, dark green color; tolerates shade; prefers well drained soils & sites protected from the wind; has small brown cones used by woodland game birds, deer and rabbits for food.

Transplants Descriptions Continued:

FRASER FIR: *Abies fraseri*/age 3-2/8-18"

Similar to Balsam fir, with dark green foliage, grows to 40-50' high. Prefers well drained soils and full sunlight. Excellent Christmas tree with excellent needle retention.

WHITE SPRUCE: *age 2-2/8-16"* See description on page 4.

RED RASPBERRY: *Rubus idaeus*/age 1-0/9-12" Rooted Cuttings

Sunny sites, delicious red berries, fertile, well drained sites 5' height, plant 2 to 3' apart in rows 6 to 8' apart. Varieties are either Latham (mid summer) or Heritage (everbearing).

HIGHBUSH BLUEBERRY: *Vaccinium corymbosum*/age 3-0/12-24"

A deciduous shrub. All bear fruit from mid to late July and have large berries. Plants will grow to be 6 to 8 feet in height and often produce one year after planting. It is best to pick off flowers in the first year to encourage better root development. Blueberries do best on acidic humus soil with no commercial fertilizer for 2 or 3 years.

FLOWERING TREE & SHRUB PACK

Contains ten seedlings, 2 each of 5 kinds (12-24")

The following are scheduled to be included in the packet, but substitutions may be made by our supplier prior to delivery.

SARGENT CRABAPPLE: See description on page 5

SAND CHERRY: See description on page 5

RUGOSA ROSE: See description on page 6

AMERICAN CRANBERRY: See description on page 6

TULIP TREE: *Liriodendron tulipifera*

Reaches about 70 feet at maturity; large orange & green tulip-like flowers from April to June; leaves & buds are spicy & aromatic; seeds are eaten by squirrels and songbirds; grows best on moderately moist, deep, well drained, loose textured soils; seedlings are intolerant of shade.